

Converting Colors

Hex(746149)

Have a look what the booklet for
Hex(746149) contains.

Hex(746149)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(746149)

Conversions

Conversions Part 1

Format	Color
Hex	746149
RGB	116, 97, 73
RGB Percent	45%, 38%, 29%
CMY	0.5451, 0.6196, 0.7137
CMYK	0.00, 0.16, 0.37, 0.55
HSL	33°, 23%, 37%
HSV	33°, 37%, 45%
XYZ	12.6798, 12.7434, 8.0948
YIQ	99.9450, 19.0280, -3.4360

Conversions

Conversions Part 2

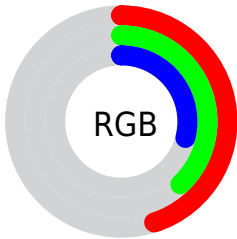
Format	Color
R_{YB}	107, 116, 73
Decimal	7627081
CIE Lab	42.37, 3.87, 16.55
CIE LCh	42, 16.995, 76.838
Yxy	12.7434, 0.3783, 0.3802
Android (android.graphics.Color)	4285817161 (0xFF746149)
YUV	99.9450, -13.2839, 14.0802
Hunter-Lab	35.6979, 0.9310, 11.5441

Details

The Hex color **746149** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **495C74**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **A9947A**, and **43331D** is the 20% darker color. If you saturate the color by 10%, you get **745C3D**, and if you desaturate by 10%, it is **746655**.

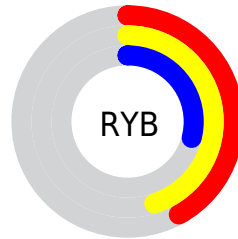
Distribution



Red (45%)

Green (38%)

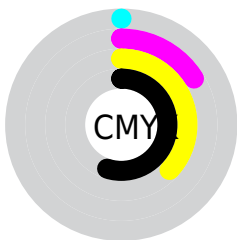
Blue (29%)



Red (42%)

Yellow (45%)

Blue (29%)

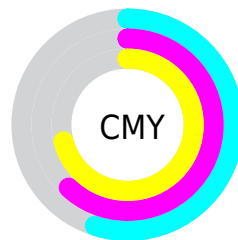


Cyan (0%)

Magenta (16%)

Yellow (37%)

Black (55%)



Cyan (55%)

Magenta (62%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 746149 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 746149 by changing the saturation by 10% instead.

 746149

 746149

FFFFFF

 5B4932

 A9947A

 43331D

 C4AE94

 2C1E05

 E1C9AE

 140500

 FDE6CA

 000000

 FFFFE6

 746149

 746149

 745C3D

 746655

 745732

 746B60

■ 745226

■ 74706C

■ 744C1B

■ 747677

■ 74470F

■ 747B83

■ 744203

■ 74808F

■ 744100

■ 74859A

■ 748AA6

■ 748FB1

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7E5D50



746149



666649

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



746149



3C6C6C



705E77

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



746149



495C74

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



5E637F



746149



3D6A78

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



746149



476B5D



4B677F



7C5A6B

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



746149



5C684D



4B677F



6A5F7A

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



746149



968F86



74495C



4D4843



CCCCCC



4D4D4D

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



746149



967954



727449



3B3835



7A4400



FA8B00

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



495C74



547296



4B4974



35373B



00367A



006EFA

Previews

White Background



This preview shows how the Hex color 746149 looks on a white background.

Color Contrast Check

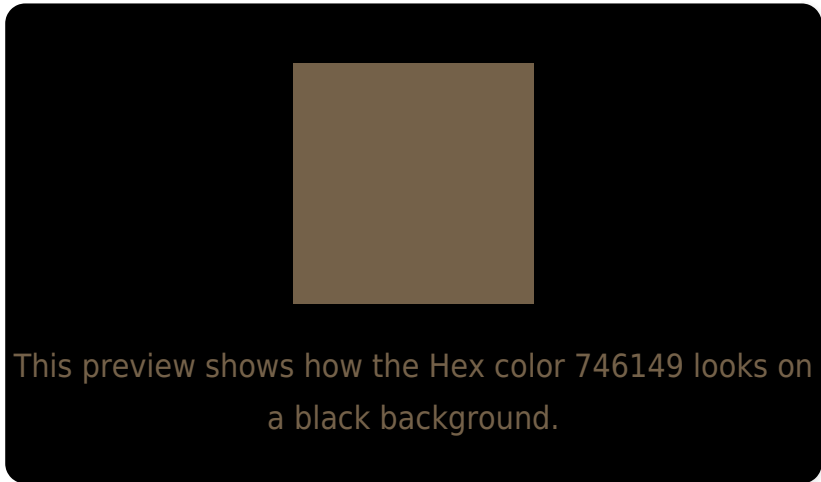
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

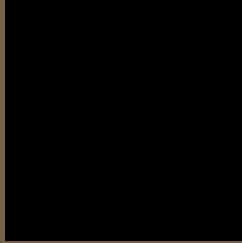
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 746149 Background



This preview shows how black text looks on a background with the Hex color 746149.



This preview shows how white text looks on a background with the Hex color 746149.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


746149

Protanopia

6B644A

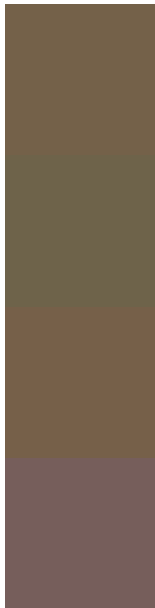
Deuteranopia

776049



Tritanopia
775D65

Trichromacy



Original Color

746149

Protanomaly

6E634A

Deuteranomaly

766049

Tritanomaly

765E5B

Monochromacy



Original Color

746149

Achromatopsia

646464

Achromatomaly

6A635A

CSS Examples

Text

The CSS property to change the color of the text to Hex 746149 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #746149 looks like.

```
.text, #text, p{  
    color:#746149  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #746149 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #746149
}
```

Border

The CSS property to change the border of an element to Hex 746149 is called "border". The border property can be set on classes, ids or directly on the HTML element.

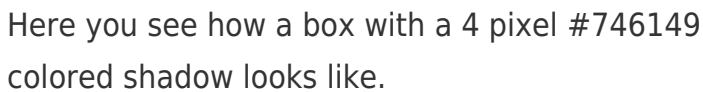
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#746149 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#746149 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #746149 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #746149; -webkit-box-shadow:4px 4px  
4px 4px #746149; box-shadow:4px 4px 4px  
4px #746149 }
```

Background

The CSS property to change the background color of an element to Hex 746149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#746149 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#746149 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor